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(54) Title: AGENTS AND METHODS FOR ENHANCING BONE FORMATION

(57) Abstract: The present invention discloses agents and methods for inducing osteoblastic cellular differentiation, as well as the use of such agents and methods to treat patients to maintain bone mass, enhance bone formation and/or bone repair. Exemplary agents include oxysterols, alone or in combination with particular oxysterols, or other agents known to assist in bone formation. The invention further includes medicaments including oxysterols for the treatment of bone disorders, local injections of oxysterols or cells (206) and implants (202) having agents or cells (203) to facilitate bone repair.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/56
US CL : 514/182, 863

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/182, 863

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3,887,545 A (IACOBELLI et al) 03 June 1975 (03/06/1975), see entire document.	1-41
A	US 4,183,852 A (KAISER) 15 January 1980 (15/01/1980), see entire document.	1-41
A	US 4,743,597 (JAVITT et al) 10 May 1988 (10/05/1988), see entire document.	1-41

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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